

Claims

1. Filter for phase separation with a number of film elements (1) stacked on top of each other showing central perforations aligned with each other (2), whereby several stacks (4) are arranged in parallel as well as matrix-like fashion to each other while the fluid to be filtered flows from the outside through spaces in between neighboring film elements (1) and the filtered fluid flows out through channels (11) formed by means of the central perforations (2), distinguished thereby that film elements (1) of neighboring stacks (4) lying on a common level are connected to each other by means of connecting fillets (3).
2. The filter according to the previous claim, is distinguished, by all the film elements (1) lying on the same level are connected to each other by means of connecting fillets (3)
3. The filter according to one of the previous claims, is distinguished, by the film elements (1) lying on the cutting points of the grid lines, and the connecting fillets (3) on the grid lines of a rectangular, particularly square grid net.
4. The filter according to one of the previous claims, is distinguished, by the film elements (1) as well as the connecting fillets (3) are punched out of a single sheet of film.
5. The filter according to one of the previous claims, is distinguished, by the stacks (4) with their film elements (1) which can be pressed together in different ways.